Int. Appl. No. Int. Filing Date PCT/BE03/00062

April 7, 2003

DT04 Rec'd PCT/PTO 0 5 OCT 2004

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A method Method for the prevention or retarding of staling during the baking process of bakery products which comprises the step of adding a sufficiently effective amount of at least one intermediate thermostable and/or thermostable serine protease in said bakery products.

- 2. (Currently amended) The method Method according to claim 1, characterised in that wherein the intermediate thermostable and/or thermostable serine protease has a temperature activity optimum higher than 60°C, preferably higher than 70°C and more preferably higher than 75°C.
- 3. (Currently amended) The method Method according to the claim 1 or 2, eharacterised in that wherein the ratio between the protease activity at optimum temperature and the protease activity at 25°C is higher than 10, preferably higher than 15.
- 4. (Currently amended) The method Method according to Claim 1 any one of the preceding claims, characterised in that wherein the intermediate thermostable and/or thermostable serine protease is obtained by extraction from naturally-occurring eukaryotic or prokaryotic organisms, by synthesis or by genetic engineering.
- 5. (Currently amended) The method Method according to Claim 1 any one of the preceding claims, characterised in that wherein the intermediate thermostable and/or thermostable serine protease is a neutral protease or more preferably an alkaline protease.
- 6. (Currently amended) The method Method according to Claim 1 any one of the preceding claims, characterised in that wherein said protease is selected from the group consisting of aqualysin I, aqualysin II, thermitase and keratinase.
- 7. (Currently amended) The method Method according to Claim 1 any one of the preceding claims, characterised in that wherein the thermostable serine protease is a Taq protease isolated from Thermus aquaticus LMG 8924, a keratinase, isolated from Bacillus licheniformis LMG 7561 and/or a thermitase isolated from Thermoactinomyces vulgaris.
- 8. (Currently amended) The method Method according to Claim 1 any one of the preceding claims, further comprising the step of adding another anti-staling additive selected from the group consisting of thermostable α-amylase, β-amylase, intermediate thermostable maltogenic amylase, lipase, glycolsyltransferases, pullulanases and emulsifiers, preferably monoglycerides, diglycerides and/or stearoyllaetylates.

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- 9. (Currently amended) The method Method according to Claim 1 any one of the preceding claims, characterised in that wherein the bakery product is selected from the group consisting of bread, soft rolls, bagels, donuts, Danish pastry, hamburger rolls, pizza, pita bread and cakes.
- 10. (Currently amended) An improver Improver for the prevention or retarding of staling during the baking process of bakery products, characterised in that wherein said improver it comprises at least one intermediate thermostable or thermostable serine protease.
- 11. (Currently amended) The improver Improver as in claim 10, characterised in that wherein the protease has a temperature activity optimum higher than 60°C, preferably higher than 70°C and more preferably higher than 75°C.
- 12. (Currently amended) The improver Improver as in claim 10 or 11, characterised in that wherein the ratio between the protease activity at optimum temperature and the protease activity at 25°C is higher than 10, preferably higher than 15.
- 13. (Currently amended) The improver Improver as in any of the claims Claim 10-to 12, characterised in that wherein said protease is obtained by extraction from naturally occurring eukaryotic or prokaryotic organisms, by synthesis or by genetic engineering
- 14. (Currently amended) The improver Improver as in any of the claims Claim 10-to 13, characterised in that wherein said protease is a Tag protease, a keratinase and/or a thermitase.
- 15. (Currently amended) The improver Improver as in any of the claims Claim 10-to 14, characterised in that wherein said protease is selected from the group consisting of aqualysin I, aqualysin II, keratinase and thermitase.
- 16. (Currently amended) The improver Improver according to any of the claims Claim 10-to-15, characterised in that wherein the thermostable serine protease is a Taq protease isolated from Thermus aquaticus LMG 8924, a keratinase isolated from Bacillus licheniformis LMG 7561 and/or a thermitase isolated from Thermoactinomyces vulgaris.
- 17. (Currently amended) The improver Improver as in any of the claims Claim 10-to 16, characterised in that it further comprises comprising another anti-staling additive selected from the group consisting of thermostable α-amylase, β-amylase, intermediate thermostable maltogenic amylase, lipase, glycolsyltransferases, pullulanases and emulsifiers, preferably monoglycerides, diglycerides and/or stearoyllactylates.

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18. (Currently amended) The improver Improver as in any of the claims Claim 10 to 17, characterised in that wherein said improver is a bread improver.

- 19. (Canceled)
- 20. (Canceled)
- 21. (Canceled)
- 22. (Canceled)
- 23. (New) The method of Claim 2, wherein the intermediate thermostable and/or thermostable serine protease has a temperature activity optimum higher than 70°C.
- 24. (New) The method of Claim 2, wherein the intermediate thermostable and/or thermostable serine protease has a temperature activity optimum higher than 75°C.
- 25. (New) The method of Claim 3, wherein the ratio between the protease activity at optimum temperature and the protease activity at 25°C is higher than 15.
- 26. (New) The method of Claim 1, wherein the intermediate thermostable and/or thermostable serine protease is an alkaline protease.
- 27. (New) The method of Claim 8, wherein said emulsifiers are selected from the group consisting of monoglycerides, diglycerides and stearoyllactylates.
- 28. (New) The improver of Claim 11, wherein said protease has a temperature activity optimum higher that 70°C.
- 29. (New) The improver of Claim 11, wherein said protease has a temperature activity optimum higher that 75°C.
- 30. (New) The improver of Claim 12, wherein the ratio between the protease activity at optimum temperature and the protease activity at 25°C is higher than 15.
- 31. (New) The improver of Claim 17, wherein said emulsifiers are selected from the group consisting of monoglycerides, diglycerides and stearoyllactylates.